

6186

CRAIGMONT MINES LIMITED

ASSESSMENT REPORT

OF

WORK

ON THE

ORANGE GROUP OF MINERAL CLAIMS

LOCATED 10 MILES NORTH WEST OF MERRITT, B.C.

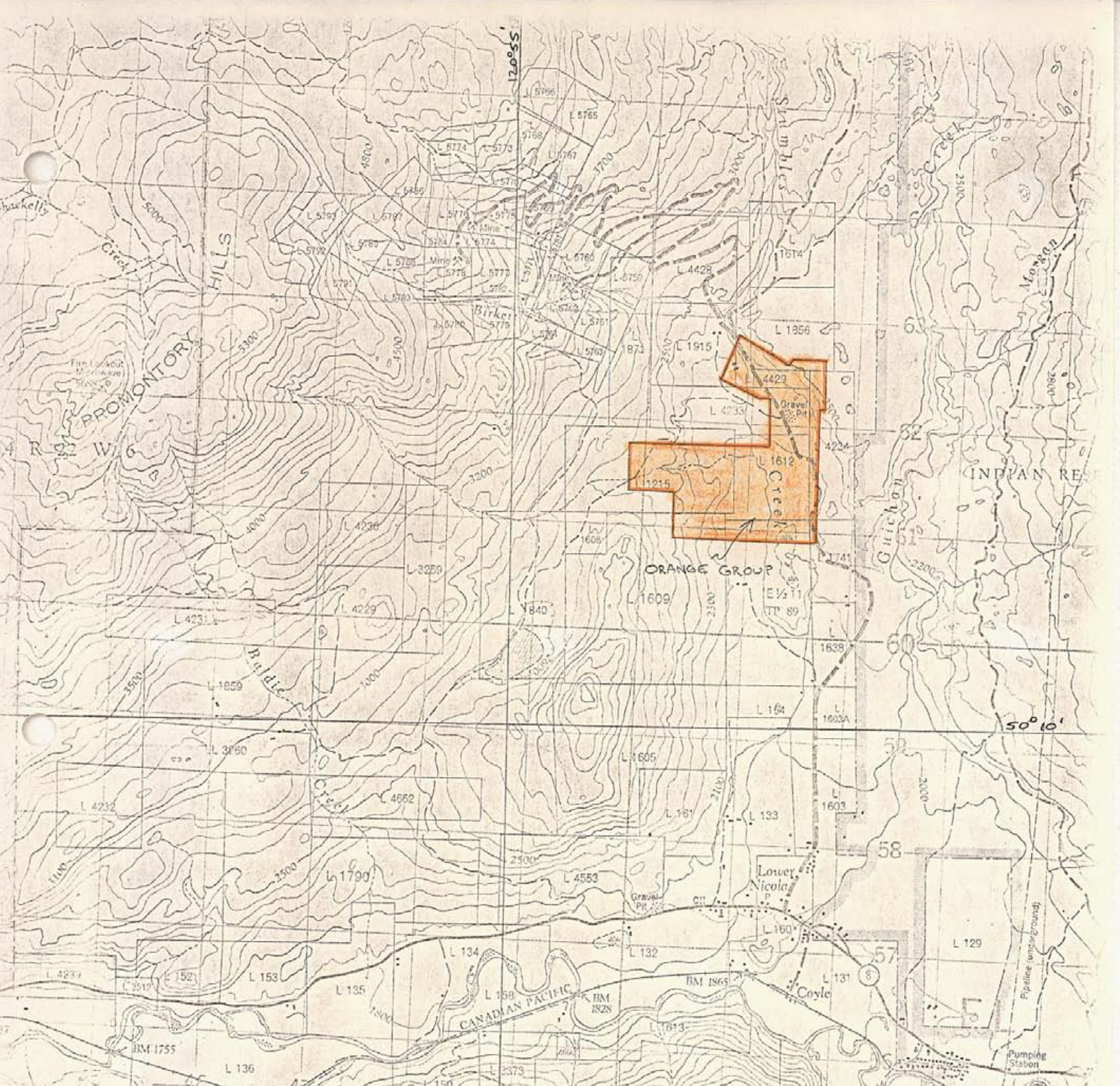
N 50°10'

E 120°55'

NICOLA MINING DIVISION

G.R. SANFORD GEOLOGIST

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. <u>6186</u>



MERRITT
BRITISH COLUMBIA

SCALE 1:50,000 ÉCHELLE



INDEX MAP
ORANGE GROUP OF MINERAL CLAIMS

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ASSESSMENT REPORT OF WORK ON THE ORANGE

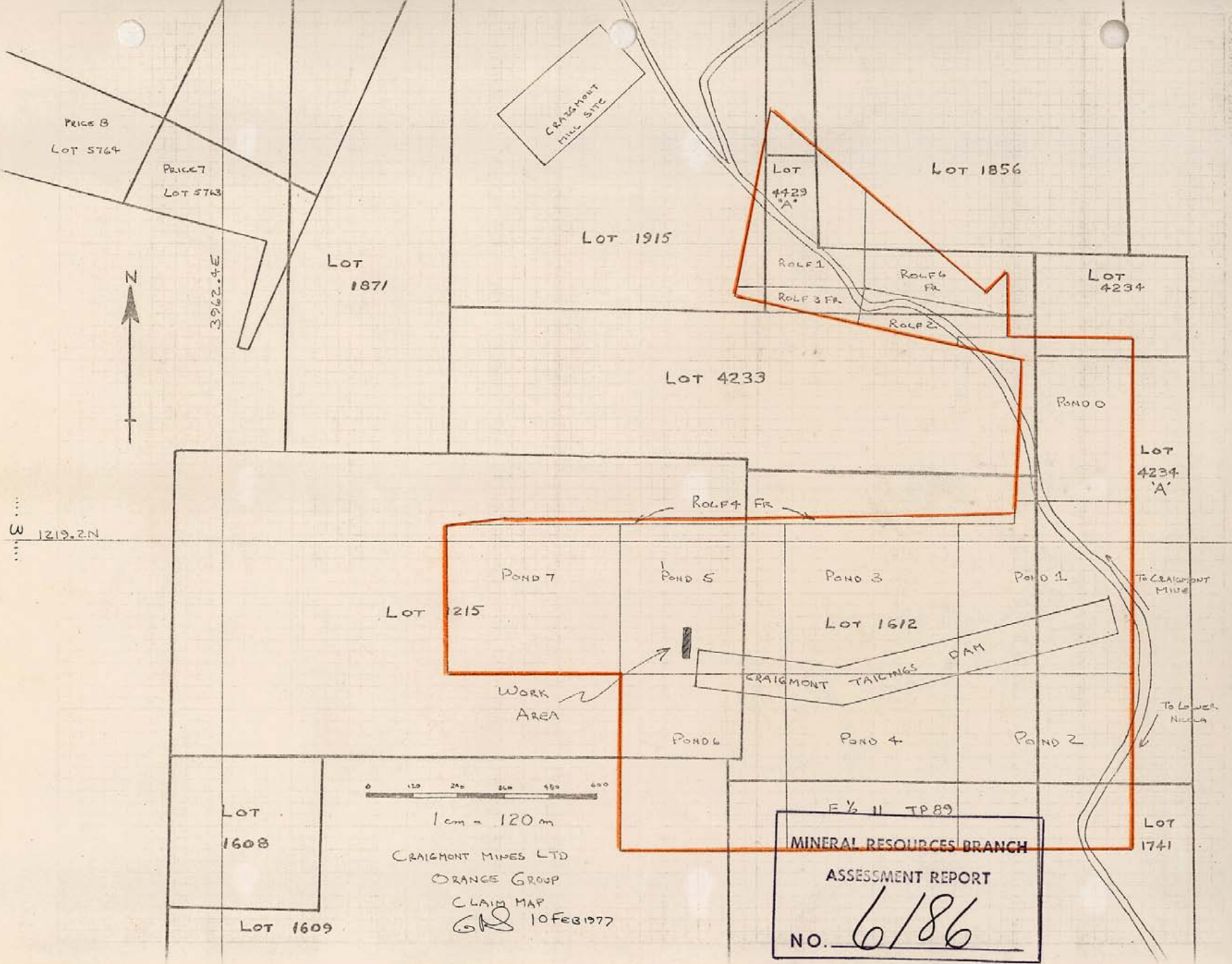
GROUP OF MINERAL CLAIMS

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ASSESSMENT REPORT OF WORK ON THE ORANGE

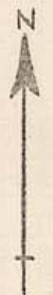
GROUP OF MINERAL CLAIMS

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PRICE 8
LOT 5764

PRICE 7
LOT 5763



3962.4E

LOT
1871

LOT 1915

LOT
4429
'A'

LOT 1856

ROUP 1
FR

ROUP 6
FR

ROUP 3 FR

ROUP 2

LOT
4234

LOT 4233

POND 0

LOT
4234
'A'

1219.2N

ROUP 4 FR

LOT 215

POND 7

POND 5

POND 3

POND 1

LOT 1612

TO CRAIGMONT
MINE

WORK
AREA

CRAIGMONT TAICINGS
DAM

POND 6

POND 4

POND 2

TO LOWER
NICOLA

LOT
1608



1 cm = 120 m

CRAIGMONT MINES LTD
ORANGE GROUP

CLAIM MAP
10 FEB 1977

LOT 1609

E 1/2 11 TP 89

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LOT
1741

ASSESSMENT REPORT OF WORK ON THE ORANGE

GROUP OF MINERAL CLAIMS

STATEMENT OF EXPENSES

Triconing of 4 drill holes into bedrock under contract to Connors Drilling Limited 7 - 10 December, 1976	\$1,378.00
Water supply for drilling - Craigmont	50.00
Survey of drill holes, profile Craigmont Personnel, 10 Dec., 1976	50.00
Supervision G.R. Sanford 7 - 10 Dec., 1976	100.00
Report preparation G.R. Sanford 1 day @ \$100.00	<u>100.00</u>
Total	\$1,678.00

ASSESSMENT REPORT ON WORK ON THE ORANGE

GROUP OF MINERAL CLAIMS

DESCRIPTION OF CLAIMS

The Orange Group of fourteen Located Mineral Claims and Fractions, owned by and operated by Craigmont Mines Limited, is located approximately ten miles northwest of Merritt, B.C. These claims cover a portion of Craigmont's tailings pond.

The individual claims, record number and due date are as follows:

<u>Claim</u>	<u>Record Number</u>	<u>Date Due</u>
Pond 0-Pond 7	59780 - 59787	28 February
Rolf 1, Rolf 2	59776 , 59777	28 February
Rolf 3Fr, Rolf 4Fr	59778 , 59779	28 February
Rolf 5	59879	7 March
Rolf 6Fr	59880	7 March

ASSESSMENT REPORT OF WORK ON THE ORANGE

GROUP OF MINERAL CLAIMS

LOCATION AND ACCESS

The Orange Group of Mineral Claims was staked by Craigmont Mines Limited in early spring 1974, to cover portions of the Craigmont tailings pond, and ground to the east and west which had become open. Aberdeen Road, connecting the mine and Lower Nicola, crosses the eastern portion of the claims.

TOPOGRAPHY

The entire claim group lies on the floor of the gravel filled valley of Stumbles Creek. The Craigmont tailings dam extends 4000 feet across this valley, creating a basin into which mine tailings are pumped. Stumbles Creek was diverted to the west, around the tailings pond, and now flows along the base of a bedrock scarp at the western edge of the valley. Vegetation is typical dry interior pine forest.

DESCRIPTION OF WORK DONE

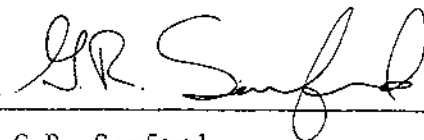
When the Craigmont tailings dam increases to its' ultimate height, it will probably be necessary to re-direct Stumbles Creek so as to prevent dam failure from a wash out. In order to assess the various alternatives, it was necessary to determine the depth to bedrock near the western abutment of the tailings dam.

The depth to bedrock was determined in four locations by using a truck mounted Long Year 38 diamond drill. Holes were drilled using a 3½ inch tricorne bit through the overburden and Penetrated at least five feet into bedrock. No coring techniques were used. The results are as tabulated in Table 1. Hole positions were surveyed by stadia. Hole positions are plotted on plan and section on Drawings 1 and 2.

The drilling was done under contract by Connors Drilling Limited from December 7 to 10, 1976. All holes were collared on the Bond 5 mineral claim, owned and operated by Craigmont Mines Limited.

CONCLUSIONS

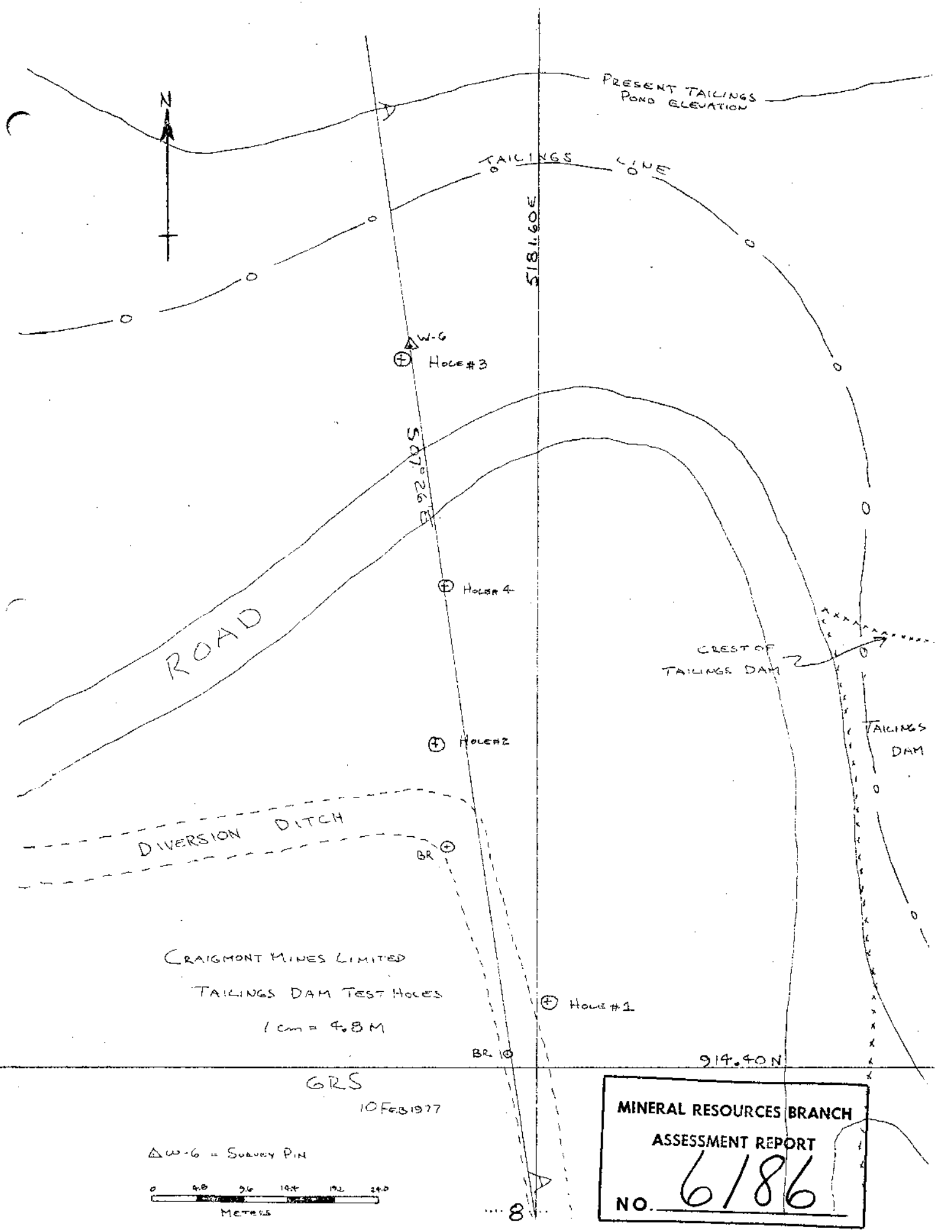
The depth to bedrock was established along section A-A. This will provide information for future planning. The Department of Mines will be advised of the various alternatives for dealing with Stumbles Creek when all studies are complete.



G.R. Sanford
Senior Mine Geologist

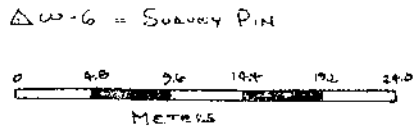
TABLE #1
DRILL HOLE CO-ORDINATES

	<u>LATITUDE</u>	<u>DEPARTURE</u>	<u>COLLAR ELEVATION</u>	<u>DEPTH TO BEDROCK</u>	<u>DEPTH OF HOLE</u>	<u>ELEVATION OF BEDROCK</u>	<u>REMARKS</u>
Hole #1	921.04	5182.94	699.99	3.96	6.10	696.03	3.96-5.18 Broken
Hole #2	948.52	5170.86	700.44	3.96	6.40	696.48	
Hole #3	989.12	5167.34	699.16	11.89	13.72	687.27	
Hole #4	965.22	5171.71	698.86	7.01	10.06	691.84	7.01-8.53 Soft
Bedrock In Ditch	915.63	5178.62	697.64				
Bedrock In Ditch	937.61	5172.18	697.82				

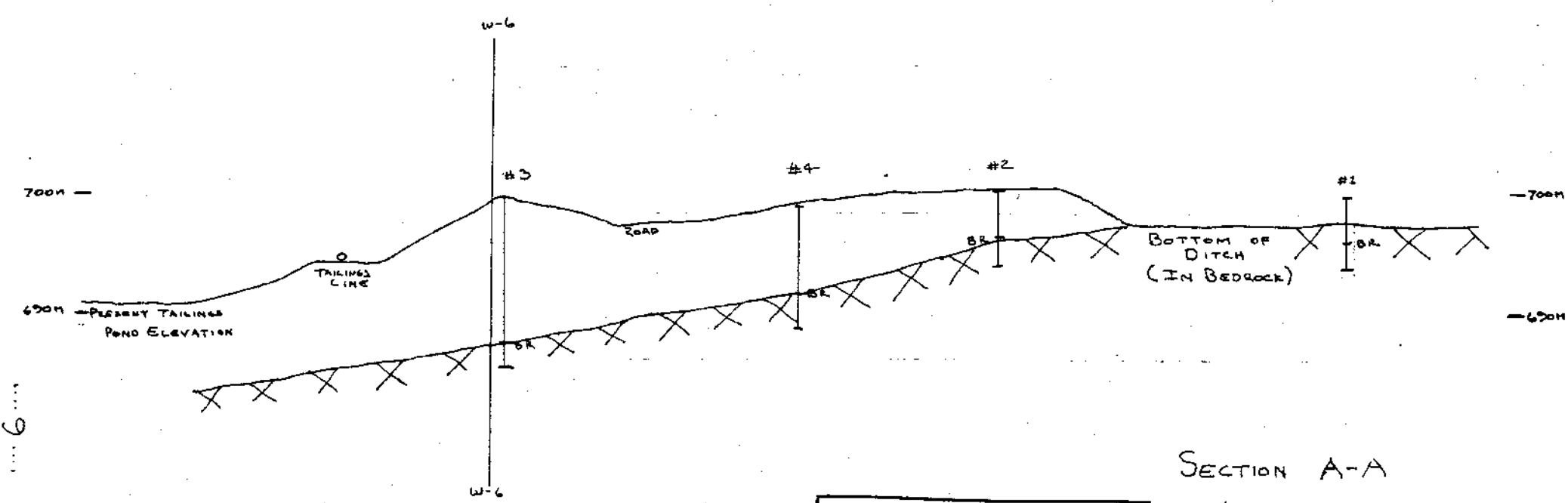


CRAIGMONT MINES LIMITED
 TAILINGS DAM TEST HOLES
 1 cm = 4.8 M

GRS
 10 FEB 1977



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SECTION A-A
LOOKING EAST

BR = BEDROCK

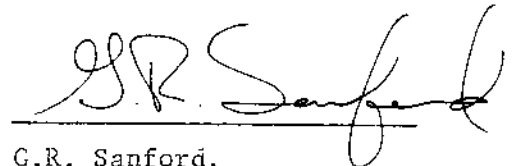
MINERAL RESOURCES BRANCH
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CRAIGMONT MINES LIMITED	SCALE	APPROVED	DATE
	1cm = 9.8M		10 FEB 1977
	DRAWN	CRS	
	CHECKED		FILE NUMBER
TAILINGS DAM TEST HOLES SECTION A-A			

STATEMENT OF QUALIFICATIONS

I, Gerald R. Sanford, of 2213 Quilchena Avenue, Merritt, B.C.
state that

- 1) I graduated from the University of British Columbia in 1969, obtaining a Bachelor of Applied Science Degree in Geological Engineering.
- 2) I am registered as an Engineer in Training with the Association of Professional Engineers of British Columbia.
- 3) I have been continuously employed in the mining industry since graduation from University.
- 4) I am currently employed by Craigmont Mines Limited as the Senior Mine Geologist at the Merritt mine site.



G.R. Sanford,
Senior Mine Geologist

10 February, 1977

APPENDIX

CONTRACTORS STATEMENT



Connors Drilling Ltd.

Subsidiary of
Bow Valley Industries Ltd

205
203 - 1201 WEST PENDER STREET, VANCOUVER, B.C. CANADA V6E 2V2
AREA CODE 604/683 - 2222

Job 22-709

INVOICE NO: 7364

DATE: December 16/76

Craigmont Mines Ltd.
P.O. Box 3000
Merritt, B.C.

SURFACE DIAMOND DRILLING
SOILS WORK
MERRITT, B.C.
DECEMBER 7 - 10, 1976

FIELD COST WORK

DATE	SHIFT	HOURS	REMARKS
Dec. 7/76		8 4	Move in and set up.
8		8	Sampling
9		8	"
10		8 4	Sample and move off
		32 24	shift hours @ 50.00

1,200.00
1,600.00

SUPPLIES CONSUMED

1 3 1/2" Tricone Bit	86.00
1 piece BW - 10' casing	48.90
1 piece BW 2' casing	16.15
	<u>151.05</u>
Plus 7%	10.57
	<u>161.62</u>
Plus 10%	16.16

177.78
~~1,777.78~~
1,377.78
GN

TOTAL FOOTAGE 119'

REVISED

ORDER No. _____
RECEIVED BY _____
DATE _____
CHECKED WITH ORDER <i>[Signature]</i>
EXTENSIONS CHECKED _____
PRICE APPROVED <i>[Signature]</i> 20 Dec 76
APPROVED FOR PAYMENT _____
CHARGED TO _____

CHARGE TO
513-913

7364